
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Dexol Division of Ringer Corporation
Product Name: Dexol Crabgrass Killer

MATERIAL SAFETY DATA SHEET
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

SECTION 1: Chemical Product & Company Identification

Product Name(s): Dexol® Crabgrass Killer

EPA Number: 2217-630-192

Manufacturer Name & Address: Dexol, a division of Verdant Brands Inc. 9555 James Avenue S., Ste 200, Bloomington, MN 55431

Telephone Contact Number & Hours of Operation: (612) 703-3300, 8:00 a.m. - 5:00 Central Time

Emergency Telephone Contact Number: Chemtrec 800-424-9300

SECTION 2: Composition/Information on Ingredients

	% by weight	CAS No.	OSHA TWA	PEL STEL	ACGIH TWA	TLV STEL
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monosodium acid methanearsonic acid (MSMA)	16.6	2163-80-6	NE	NE	NE	NE
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* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions

N/A = not applicable NE = not established

SECTION 3: Hazards Identification

EMERGENCY OVERVIEW

Physical description: light yellow liquid

Odor: mild odor

Physical Hazards: High temperatures may cause containers to burst.

Potential Health Effects: This material may be moderately irritating to the skin, eyes and respiratory tract. Personnel responding to a spill of this material should wear appropriate protective equipment.

SECTION 4: First Aid Measures

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. DO NOT induce vomiting. Get medical attention.

Eye Contact: Flush eyes with plenty of water. Call a physician if irritation persists.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTES TO PHYSICIAN: The toxicity of arsenical compounds decreases as follows: arsine (-III) > organo-arsine derivatives > arsenites (+III) > arsenoxides (+III) > arsenates (+V) > pentavalent organic compounds (+V) > arsonium metals (+I) > metallic arsenic (0)

SECTION 5: Fire Fighting Measures

Extinguishing media: CO₂, dry chemical, foam, water

Flashpoint: n/a

Hazardous products of combustion: HCl, organochlorides, nitrogen oxides, and carbon monoxide. May produce trace amounts of arsine gas.

Protective Equipment: Use NIOSH/MSHA approved SCBA and bunker gear.

NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0

SECTION 6: Accidental Release Measures

Spills: Liquid spills should be absorbed with absorbent material, containerized and disposed of appropriately (see comments in Section 13). Scrub floor with a detergent solution.

SECTION 7: Handling & Storage

Storage: Store away from heat, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not freeze. Do not reuse container.

Storage Temperature: Avoid excessive temperatures and direct sunlight.

SECTION 8: Exposure Controls & Personal Protective Equipment

Skin: Protective gloves recommended

Eye Protection: Recommended to avoid splashing of material directly into eyes

Respiratory: In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with dust/mist cartridges

SECTION 9: Physical & Chemical Parameters

Appearance: light yellow

Odor: mild

Physical state: liquid

Solubility in water: miscible

Bulk Density: not determined

pH: 5.0 - 7.0

Vapor pressure: not determined

Vapor density: n/a

Boiling point: 100°C.

Specific Gravity: 1.147

% volatile by volume: 86%

SECTION 10: Stability & Reactivity

Stability: stable

Conditions to avoid: excessive heat

Incompatibilities: Avoid contact with acids and metals such as zinc, aluminum, copper and tin. In the presence of these metals, arsenic can combine with available hydrogen to form arsine gas, which is colorless and highly poisonous, with a mild pungent, sour odor.

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Note to Consumers: Information provided in this section is oriented to medical and public health professionals involved in the assessment and treatment of excessive and/or accidental exposures.

Effects of overexposure may include irritation of eyes, nasal passages, throat and skin, a salty taste, pungent, sour-like breath, burning throat, headache, dizziness, stupor, vomiting, diarrhea, intestinal pains. In severe poisoning cases, convulsions, paralysis and death.

Rabbit Dermal LD₅₀ = >2,000 mg/kg Rat Oral LD₅₀ = 900 mg/kg

Carcinogens: None listed per OSHA, NTP, or IARC

SECTION 12: Ecological Information

Ecotoxicity: May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by cleaning of equipment or disposal of washwaters.

Environmental Fate: no data

SECTION 13: Disposal Considerations

This material (as packaged) is considered a hazardous waste (EPA D004). Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: Transport Information

DOT Hazard Description: n/a

SECTION 15: Regulatory Information

SARA Title III: n/a

CERCLA RQ: n/a

Individual States: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

SECTION 16: Other Information

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

This information is provided in good faith, but without express or implied warranty.